

shp 3m 12

Work Order ID 78027

\*78027\*

Page 1

December-28-11 8:07:48 AM

Item ID: D350-607-541

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Heli-Utility-Basket

Start Date: 28/12/2011 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 12/01/2012 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: M.L.J

Date: 11/12/28

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-3	A

100 0.00

\*100\*

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-541 CHG002

5 12/01/03

CK per M.L.J 12/01/09

110 0.00

\*110\*

Pick Kit

Packaging

Memo

0.00

Packaging

\*\*\*Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label\*\*\*

N/A

120 0.00

\*120\*

QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8 12/01/13

12-01-10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 78027**

December-28-11 8:07:48 AM

**\*78027\***

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Item ID: D350-607-541

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Heli-Utility-Basket

Start Date: 28/12/2011 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 12/01/2012 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Pick Kit

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

12/1/13

12/01/13

MF  
12-01-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 78027

\*78027\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 28/12/2011

Required Date: 12/01/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B  
11.02.09 add to install label DD verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-607-511 *D350-607-511* Quick Release Basket Mounting Installation		Manufactured	No			110	Each	0.0000	1	1			
D2690-6 *D2690-6* Lanyard Assembly		Manufactured	No			110	Each	5.0000	1	1			

## Location

## Loc Qty

## Loc Code

ST020

5

74515

5

D3912-041

Manufactured

No

110

Each

4.0000

\*D3912-041\*

Eyebolt Receiver Assembly

## Location

## Loc Qty

## Loc Code

st507

4

75184

1

76291

3

D4030-041

Manufactured

No

110

Each

0.0000

\*D4030-041\*

Long Basket Assembly (350)

D4085-3

Manufactured

No

110

Each

4.0000

\*D4085-3\*

Placard, Instructions

## Location

## Loc Qty

## Loc Code

ST122

4

71518

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 78027

\*78027\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 28/12/2011

Required Date: 12/01/2012

Start Qty: 1.00

Required Qty: 1.00

D4151-041

Manufactured No

110 Each

4.0000

1

\*\*

\*D4151-041\*

Basket Fwd Hardpoint Assembly, Lower

Location

Loc Qty

Loc Code

ST134

4

76303

4

Manufactured No

110 Each

5.0000

1

\*\*

D4151-043

\*D4151-043\*

Basket Fwd Hardpoint Assembly, Upper

Location

Loc Qty

Loc Code

ST134

5

73562

3

77126

2

Manufactured No

110 Each

5.0000

1

\*\*

D4150-041

\*D4150-041\*

Attachment Arm Assembly

Location

Loc Qty

Loc Code

ST134

5

75239

1

76300

2

77605

2

Purchased No

110 Each

738.0000

6

\*\*

AN4-13A

\*AN4-13A\*

Bolt

Location

Loc Qty

Loc Code

ST357

738

118078

17

118838

121

119449

500

119798

100

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 78027

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

\*78027\*

\*D350-607-541\*

Start Date: 28/12/2011

Required Date: 12/01/2012

Start Qty: 1.00

Required Qty: 1.00

AN4C15  
\*AN4C15\*  
BOLT

Purchased No

110 Each 21.0000

1 1  
\*\*

## Location

## Loc Qty

## Loc Code

ST358

21

118652

11

119531

10

118652

Purchased No

110 Each 44.0000

1 1  
\*\*

AN310C4  
\*AN310C4\*  
Nut

## Location

## Loc Qty

## Loc Code

ST344

44

118626

19

119324

25

118626

Purchased No

110 Each 8.0000

1 1  
\*\*

MS17984-C413  
\*MS17984-C413\*  
PIN, QUICK RELEASE

## Location

## Loc Qty

## Loc Code

ST315

8

114340

1

118612

2

119623

5

119623

Purchased No

110 Each 8,875.000

6 6  
\*\*

MS210421 4  
\*MS210421 4\*  
Nut

## Location

## Loc Qty

## Loc Code

ST300

8875

117441

51

117601

342

118451

133

119017

3349

119075

5000

119017

December-28-11 8:07:53 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Page 4

Work Order ID: 78027

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

\*78027\*

\*D350-607-541\*

Start Date: 28/12/2011

Required Date: 12/01/2012

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

110

Each

362.0000

1 1 -

\*\*

\*MS24665-151\*

Cotter Pin

LocationLoc QtyLoc Code

ST309

362

17566

362

110

Each

194.0000

17566  
2 2 -

\*\*

NAS1515H4L

Purchased

No

\*NAS1515H4L \*

WASHER

LocationLoc QtyLoc Code

FG

8

103691

8

ST277

186

118709

186

110

Each

212.0000

118709  
12 12 -

\*\*

NAS1149F0432P

Purchased

No

\*NAS1149F0432P\*

Washer

LocationLoc QtyLoc Code

ST275

212

119307

12

119638

200

110

Each

1,323.000

119638  
3 3 -

\*\*

NAS1149C0463R

Purchased

No

\*NAS1149C0463R\*

Washer

LocationLoc QtyLoc Code

FP001

1

115358

1

ST297

1322

117735

322

119097

1000

117735

December-28-11 8:07:53 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# REFERENCE ONLY

DART AEROSPACE LTD.

D350-607-3

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## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A

Date: 10.06.28